

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 58033278
PUBLICATION DATE : 26-02-83

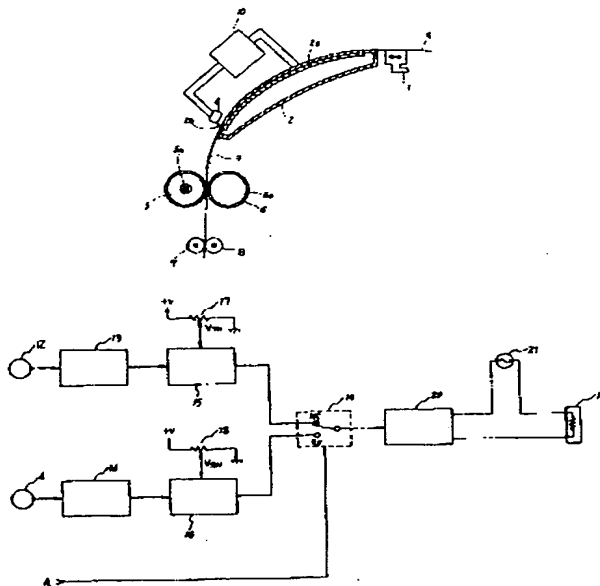
APPLICATION DATE : 21-08-81
APPLICATION NUMBER : 56131089

APPLICANT : CANON INC;

INVENTOR : SETO KAORU;

INT.CL. : G03G 15/20

TITLE : FIXING DEVICE



ABSTRACT : PURPOSE: To execute high quality fixing by detecting a temperature of the surface of a form, etc. with a non-contact type temperature detector, and controlling a heater.

CONSTITUTION: A non-contact type temperature detector 4 is installed in the vicinity of a printing surface of a carrying form of a form outlet side 2b on the upper surface of a heating plate 2, detects infrared rays radiated from the surface of the form, and detects a temperature of the printing surface of the form. While the form 9 is running, turn-on and turn-off of a heater 11 are controlled by the non-contact temperature detector 4 and a temperature is controlled, and on the other hand, while the form 9 is stopping, turn-on and turn-off of the heater 11 are controlled by a thermistor 12 and a temperature is controlled. The non-contact type temperature detector 4 is capable of detecting a temperature of the surface side having a developed image of the form 9, therefore, the surface temperature of the heating plate 2 is capable of controlling turn-on and turn-off of a heater 2a so as to keep a temperature of the printing surface of the form constant, irrespective of the kind of forms.

COPYRIGHT: (C)1983,JPO&Japio